

THE PULSE

Lanier's Health Science Course: What we do.

Lanier High School is very proud to offer Health Science Career and Technical Education (CTE)

This course allows students to explore career opportunities in the health care system, discover roles, educational requirements, and opportunities for advancement in health related careers, develop employability and communication skills essential for success in health science careers and acquire foundational client care skills relative to healthcare careers.

All Health Academy stu-

dents join HOSA (Health Occupations Students of America) which is the career and technical student organization affiliated with the Health Science course. HOSA serves as a means to enhance classroom instruction while helping students develop leadership skills, expand work-readiness skills, and broaden opportunities for personal and professional growth.

Lanier health science class provides a learning environment that replicates a healthcare

setting. The classroom has hospital beds, a simulation mannequin (I-STAD), and access to a donated ambulance. This class provides opportunities for students to gain practical, hands-on experience and develop a body of knowledge common to a variety of health care careers. The health science class prepares students for entry and acceptance into health careers and/or post secondary education programs.



Special points of interest:

- Health Science class
- Freshmen Academy Tours
- Freshmen Career Expo
- Health Science Students study at UMMC

Lanier Freshmen Academy Visits Junior Colleges

When it comes to deciding whether or not colleges are right for you, nothing beats a firsthand campus visit. The Lanier Freshman Academy Scholars got an opportunity to visit Hinds Community College, (Raymond and Utica campuses) and Holmes Junior College, (Goodman and Madison campuses). While there, they were able to meet with students and faculty to discuss school curriculum and degree program options. Our hosts were the student ambassadors of the campuses and as we toured the campus they talked about the history of the school and pointed out what makes the school unique in com-

parison to other colleges and universities. Our students were not shy about asking the ambassadors what they like and disliked about the school: from the food and the social life to the dorms and courses. The college students were able to paint a realistic picture of the college campus environment. The highlight of the trip was the fact that our scholars were able to have lunch on campus and continue engaging with college students. Hopefully this experience will encourage our freshmen academy students to complete high school and pursue an associates or 4 year college degree.



Lanier Scholars Head To The Mississippi Gulf Coast

The Freshmen Academies at Lanier, Callaway, Provine, and Wingfield High schools had a fulfilled and exciting time at the Career Exploration Fair held in Biloxi Mississippi. They were able to experience lots of hands-on activities in all 16 of the career clusters. These clusters include: Agriculture, Food & Natural Resources, Architecture & Construction, Arts, A/V Technology & Communications, Business Management & Administration, Education & Training, Finance, Government & Public Administration, Health Science, Hospitality & Tourism, Human Services, Information Technology, Law, Public Safety, Corrections & Security, Manufacturing, Marketing, Science, Technology, Engineering & Mathematics, Transportation, and Distribution & Logistics. K. Hoya, a freshmen future healthcare provider says, "This was a great experience and I liked being able to learn from real professionals. It was a lot of fun."

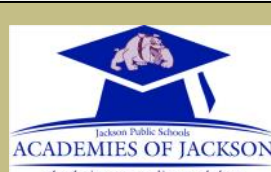


Health Academy Students Study at UMMC

On November 16, 2018, the Lanier High School Academy of Health Services students were afforded the opportunity to go to class at UMMC and study at the histotechnology and medical science labs under the direction of Dr. Felicia Tardy: microbiology, Dr. Stacie Vance: urinalysis, Mrs. Bevilyn Perkins and Dr. Renee Wilkins: histotechnology.

Christina Buckley, a 10th grade Academy of Health Services scholar, says, "As a student and a member of the health science class, it was a great experience to have the opportunity to go to UMMC and to be exposed to careers in the medical field. We gained a wealth of knowledge that captivated our interest. While my peers and I were at UMMC we learned more about histotechnology, which is a science dealing with the structure of cells and organs. While there, we were taught how the cell structures of a brain are formed. Our instructors shared the process with us step by step.

During our second learning experience at UMMC, we were taught by a Medical laboratory technologist or medical laboratory scientist. Medical laboratory scientist collects samples and performs tests to analyze body fluids, tissues, and other substances. While at the medical lab we had the opportunity to take a close look at different types of bacteria under a microscope. We also learned how to make an isolated strand of bacteria. Our last learning experience was with a Urologist who taught us how to test bodily fluids and to read the results of each. We enjoyed participating in many hands-on experiences while at UMMC. All in all my peers and I gained valuable information that sparked our interest in the field of medicine and will help us obtain our future goals." Thank you to Dr. Latoya R. Moore, Professor, Chair and Program Director, for your support and for helping our students realize their potential.



Lanier High School
833 W. Maple St.
Jackson MS 39203

For more information about the academies at
Lanier High School Contact
Felicia Jennings—Wolfe
Phone: 601-960-5568
E-mail: freese@jackson.k12.ms.us

ACADEMY OF HEALTH SERVICES

The pathway of this academy will introduce students to the sciences of clinical services, clinical technologies, healthcare support services, gathering and analyzing evidence and documenting facts.